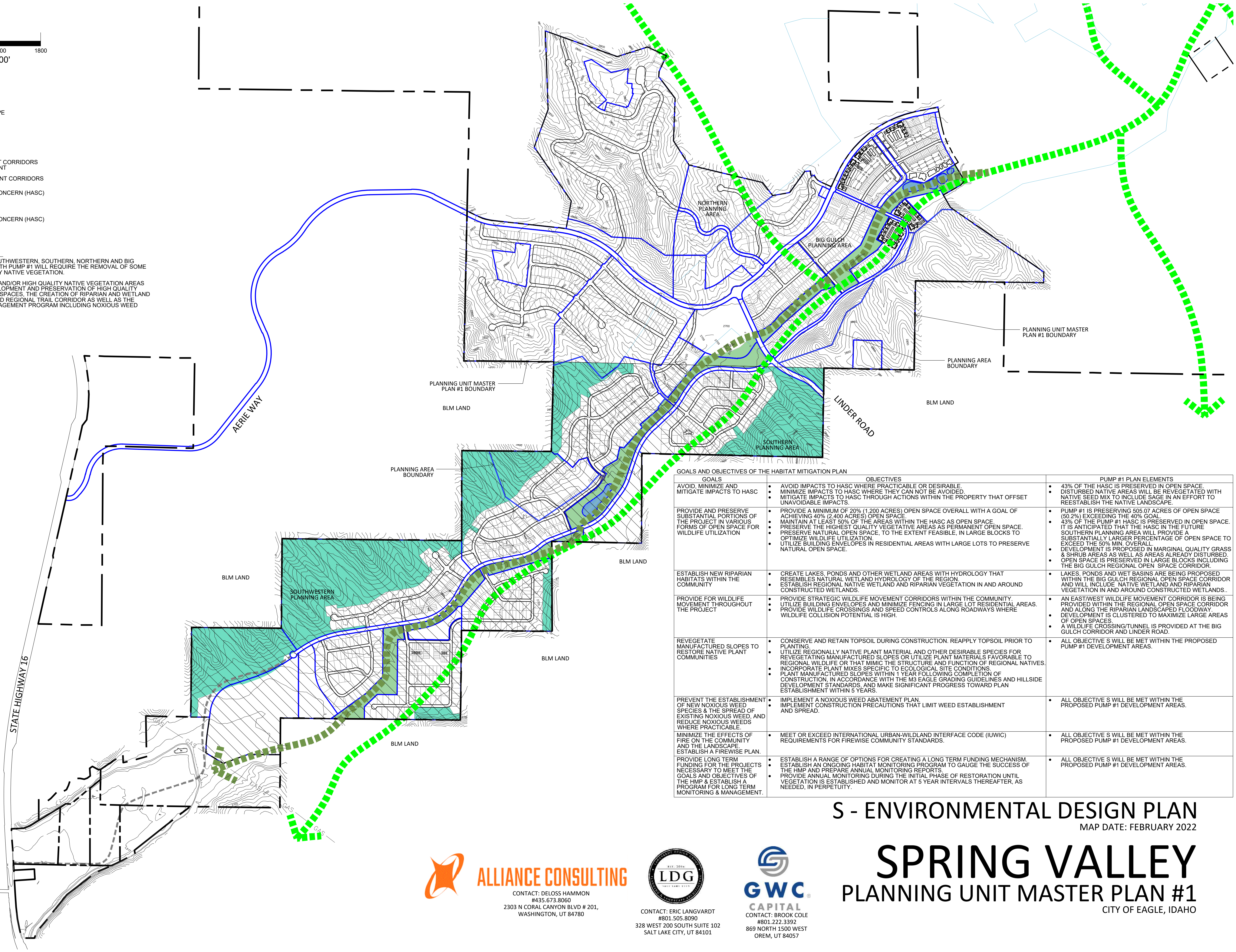


- LEGEND**
- RIPARIAN/WETLAND LANDSCAPE
 - LAKE/POND
 - EXISTING WILDLIFE MOVEMENT CORRIDORS PER DEVELOPMENT AGREEMENT
 - PROPOSED WILDLIFE MOVEMENT CORRIDORS
 - HABITAT AREAS OF SPECIAL CONCERN (HASC) WITHIN PUMP #1 (453.36 ACRES)
 - HABITAT AREAS OF SPECIAL CONCERN (HASC) UNDISTURBED AREAS (143.07 ACRES - 31.6%)

HABITAT MITIGATION PLAN COMPLIANCE
 PROPOSED DEVELOPMENT WITHIN THE SOUTHWESTERN, SOUTHERN, NORTHERN AND BIG GULCH PLANNING AREAS AS PROPOSED WITH PUMP #1 WILL REQUIRE THE REMOVAL OF SOME SAGEBRUSH STANDS AND/OR HIGH QUALITY NATIVE VEGETATION.

THE LOSS OF THESE SAGEBRUSH STANDS AND/OR HIGH QUALITY NATIVE VEGETATION AREAS WILL BE MORE THAN OFFSET BY THE DEVELOPMENT AND PRESERVATION OF HIGH QUALITY HABITAT AREAS WITHIN PERMANENT OPEN SPACES, THE CREATION OF RIPARIAN AND WETLAND HABITATS WITHIN THE BIG GULCH WASH AND REGIONAL TRAIL CORRIDOR AS WELL AS THE IMPLEMENTATION OF AN OPEN SPACE MANAGEMENT PROGRAM INCLUDING NOXIOUS WEED ABATEMENT.



GOALS	OBJECTIVES	PUMP #1 PLAN ELEMENTS
AVOID, MINIMIZE AND MITIGATE IMPACTS TO HASC	<ul style="list-style-type: none"> AVOID IMPACTS TO HASC WHERE PRACTICABLE OR DESIRABLE. MINIMIZE IMPACTS TO HASC WHERE THEY CAN NOT BE AVOIDED. MITIGATE IMPACTS TO HASC THROUGH ACTIONS WITHIN THE PROPERTY THAT OFFSET UNAVOIDABLE IMPACTS. 	<ul style="list-style-type: none"> 43% OF THE HASC IS PRESERVED IN OPEN SPACE. DISTURBED NATIVE AREAS WILL BE REVEGETATED WITH NATIVE SEED MIX TO INCLUDE SAGE IN AN EFFORT TO REESTABLISH THE NATIVE LANDSCAPE.
PROVIDE AND PRESERVE SUBSTANTIAL PORTIONS OF THE PROJECT IN VARIOUS FORMS OF OPEN SPACE FOR WILDLIFE UTILIZATION	<ul style="list-style-type: none"> PROVIDE A MINIMUM OF 20% (1,200 ACRES) OPEN SPACE OVERALL WITH A GOAL OF ACHIEVING 40% (2,400 ACRES) OPEN SPACE. MAINTAIN AT LEAST 50% OF THE AREAS WITHIN THE HASC AS OPEN SPACE. PRESERVE THE HIGHEST QUALITY VEGETATIVE AREAS AS PERMANENT OPEN SPACE. PRESERVE NATURAL OPEN SPACE, TO THE EXTENT FEASIBLE, IN LARGE BLOCKS TO OPTIMIZE WILDLIFE UTILIZATION. UTILIZE BUILDING ENVELOPES IN RESIDENTIAL AREAS WITH LARGE LOTS TO PRESERVE NATURAL OPEN SPACE. 	<ul style="list-style-type: none"> PUMP #1 IS PRESERVING 505.07 ACRES OF OPEN SPACE (50.2%) EXCEEDING THE 40% GOAL. 43% OF THE PUMP #1 HASC IS PRESERVED IN OPEN SPACE. IT IS ANTICIPATED THAT THE HASC IN THE FUTURE SOUTHERN PLANNING AREA WILL PROVIDE A SUBSTANTIALLY LARGER PERCENTAGE OF OPEN SPACE TO EXCEED THE 50% MIN. OVERALL. DEVELOPMENT IS PROPOSED IN MARGINAL QUALITY GRASS & SHRUB AREAS AS WELL AS AREAS ALREADY DISTURBED. OPEN SPACE IS PRESERVED IN LARGE BLOCKS INCLUDING THE BIG GULCH REGIONAL OPEN SPACE CORRIDOR.
ESTABLISH NEW RIPARIAN HABITATS WITHIN THE COMMUNITY	<ul style="list-style-type: none"> CREATE LAKES, PONDS AND OTHER WETLAND AREAS WITH HYDROLOGY THAT RESEMBLES NATURAL WETLAND HYDROLOGY OF THE REGION. ESTABLISH REGIONAL NATIVE WETLAND AND RIPARIAN VEGETATION IN AND AROUND CONSTRUCTED WETLANDS. 	<ul style="list-style-type: none"> LAKES, PONDS AND WET BASINS ARE BEING PROPOSED WITHIN THE BIG GULCH REGIONAL OPEN SPACE CORRIDOR AND WILL INCLUDE NATIVE WETLAND AND RIPARIAN VEGETATION IN AND AROUND CONSTRUCTED WETLANDS.
PROVIDE FOR WILDLIFE MOVEMENT THROUGHOUT THE PROJECT	<ul style="list-style-type: none"> PROVIDE STRATEGIC WILDLIFE MOVEMENT CORRIDORS WITHIN THE COMMUNITY. UTILIZE BUILDING ENVELOPES AND MINIMIZE FENCING IN LARGE LOT RESIDENTIAL AREAS. PROVIDE WILDLIFE CROSSINGS AND SPEED CONTROLS ALONG ROADWAYS WHERE WILDLIFE COLLISION POTENTIAL IS HIGH. 	<ul style="list-style-type: none"> AN EAST/WEST WILDLIFE MOVEMENT CORRIDOR IS BEING PROVIDED WITHIN THE REGIONAL OPEN SPACE CORRIDOR AND ALONG THE RIPARIAN LANDSCAPED FLOODWAY. DEVELOPMENT IS CLUSTERED TO MAXIMIZE LARGE AREAS OF OPEN SPACES. A WILDLIFE CROSSING/TUNNEL IS PROVIDED AT THE BIG GULCH CORRIDOR AND LINDER ROAD.
REVEGETATE MANUFACTURED SLOPES TO RESTORE NATIVE PLANT COMMUNITIES	<ul style="list-style-type: none"> CONSERVE AND RETAIN TOPSOIL DURING CONSTRUCTION. REAPPLY TOPSOIL PRIOR TO PLANTING. UTILIZE REGIONALLY NATIVE PLANT MATERIAL AND OTHER DESIRABLE SPECIES FOR REVEGETATING MANUFACTURED SLOPES OR UTILIZE PLANT MATERIALS FAVORABLE TO REGIONAL WILDLIFE OR THAT MIMIC THE STRUCTURE AND FUNCTION OF REGIONAL NATIVES. INCORPORATE PLANT MIXES SPECIFIC TO ECOLOGICAL SITE CONDITIONS. PLANT MANUFACTURED SLOPES WITHIN 1 YEAR FOLLOWING COMPLETION OF CONSTRUCTION, IN ACCORDANCE WITH THE M3 EAGLE GRADING GUIDELINES AND HILLSIDE DEVELOPMENT STANDARDS, AND MAKE SIGNIFICANT PROGRESS TOWARD PLAN ESTABLISHMENT WITHIN 5 YEARS. 	<ul style="list-style-type: none"> ALL OBJECTIVE S WILL BE MET WITHIN THE PROPOSED PUMP #1 DEVELOPMENT AREAS.
PREVENT THE ESTABLISHMENT OF NEW NOXIOUS WEED SPECIES & THE SPREAD OF EXISTING NOXIOUS WEED, AND REDUCE NOXIOUS WEEDS WHERE PRACTICABLE	<ul style="list-style-type: none"> IMPLEMENT A NOXIOUS WEED ABATEMENT PLAN. IMPLEMENT CONSTRUCTION PRECAUTIONS THAT LIMIT WEED ESTABLISHMENT AND SPREAD. 	<ul style="list-style-type: none"> ALL OBJECTIVE S WILL BE MET WITHIN THE PROPOSED PUMP #1 DEVELOPMENT AREAS.
MINIMIZE THE EFFECTS OF FIRE ON THE COMMUNITY AND THE LANDSCAPE. ESTABLISH A FIREWISE PLAN.	<ul style="list-style-type: none"> MEET OR EXCEED INTERNATIONAL URBAN-WILDLAND INTERFACE CODE (IUWIC) REQUIREMENTS FOR FIREWISE COMMUNITY STANDARDS. 	<ul style="list-style-type: none"> ALL OBJECTIVE S WILL BE MET WITHIN THE PROPOSED PUMP #1 DEVELOPMENT AREAS.
PROVIDE LONG TERM FUNDING FOR THE PROJECTS NECESSARY TO MEET THE GOALS AND OBJECTIVES OF THE HMP & ESTABLISH A PROGRAM FOR LONG TERM MONITORING & MANAGEMENT.	<ul style="list-style-type: none"> ESTABLISH A RANGE OF OPTIONS FOR CREATING A LONG TERM FUNDING MECHANISM. ESTABLISH AN ONGOING HABITAT MONITORING PROGRAM TO GAUGE THE SUCCESS OF THE HMP AND PREPARE ANNUAL MONITORING REPORTS. PROVIDE ANNUAL MONITORING DURING THE INITIAL PHASE OF RESTORATION UNTIL VEGETATION IS ESTABLISHED AND MONITOR AT 5 YEAR INTERVALS THEREAFTER, AS NEEDED, IN PERPETUITY. 	<ul style="list-style-type: none"> ALL OBJECTIVE S WILL BE MET WITHIN THE PROPOSED PUMP #1 DEVELOPMENT AREAS.

S - ENVIRONMENTAL DESIGN PLAN
 MAP DATE: FEBRUARY 2022

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